

RE-2X(ST)YSWAY INSTRUMENTATION CABLE



Tailored for analogue and digital communication and control systems, our EN50288-7 Instrumentation cables feature a robust construction and superior electrical transmission properties, ensuring flawless connectivity and performance. Engineered to comply with BS EN 50288-7 standards, they cater to diverse applications, from process plants to petrochemical industries. Withstanding electromagnetic interference, our cables assure uninterrupted signal transmission in instrumentation, control, and communication systems. Available in various configurations to meet specific needs, including collectively and/or individually screened pairs or triples, PVC or LSZA sheaths, a range of armouring options, and fire-resistant variants, our cables offer unparalleled versatility and adaptability for any environment. Elevate your systems with our reliable solutions.

<b>CONDUCTOR</b>	Plain Copper
<b>STRANDING</b>	Class 2
<b>INSULATION</b>	XLPE
<b>COLLECTIVE SCREEN</b>	Collective Aluminium Mylar
<b>BEDDING</b>	PVC
<b>ARMOUR</b>	Steel Wire Armour
<b>OUTERSHEATH</b>	PVC
<b>OUTERSHEATH COLOUR</b>	Black, Blue
<b>RATED VOLTAGE</b>	500V
<b>CORE IDENTIFICATION</b>	Pair: Black & white numbered Triple: Black, white and red numbered
<b>OPERATING TEMPERATURE</b>	-30 to +90 °C
<b>STANDARDS</b>	EN50288-7:2005 ; IEC60332-3

# SPECIFICATION DATA

BATT Part No	Number of Pairs or Triples	Conductor Size (mm)	Colour	Diameter over Insulation (mm)	Armour Wire Diameter (mm)	Diameter over Armour (mm)	Diameter over Sheath (mm)	Sheath Thickness (mm)	Min Conductor resistance (OHM/KM)	Weight (KG/KM)
85987	1 Pair	0.75	Black	2.0	0.9	8.1	10.7	1.3	25	196
85988	1 Pair	0.75	Blue	2.0	0.9	8.1	10.7	1.3	25	196
85989	1 Pair	1.3	Black	2.4	0.9	8.7	11.3	1.3	14.2	234
85990	1 Pair	1.3	Blue	2.4	0.9	8.7	11.3	1.3	14.2	234
85991	1 Pair	1.5	Black	2.6	0.9	9.0	11.9	1.3	12.3	277
86200	1 Pair	1.5	Blue	2.6	0.9	9.0	11.9	1.3	12.3	277
85992	2 Pair	0.75	Black	2.0	0.9	10.9	13.7	1.4	25	290
86652	2 Pair	0.75	Blue	2.0	0.9	10.9	13.7	1.4	25	290
86971	2 Pair	1.5	Black	2.41	0.9	12.2	16.45	1.4	-	-
86970	2 Pair	1.5	Blue	2.41	0.9	12.2	16.45	1.4	-	-
85993	4 Pair	0.75	Black	2.0	0.9	12.4	15.2	1.4	25	362
86656	4 Pair	0.75	Blue	2.0	0.9	12.4	15.2	1.4	25	362
86972	5 Pair	1.5	Black	2.4	0.9	15.4	18.4	-	12.6	634
86973	5 Pair	1.5	Blue	2.4	0.9	15.4	18.4	-	12.6	634
85594	8 Pair	0.75	Black	2.0	1.5	16.4	19.4	1.5	25	528
86660	8 Pair	0.75	Blue	2.0	1.5	16.4	19.4	1.5	25	528
86974	10 Pair	1.5	Black	2.4	-	21.9	25.3	-	25.3	1172
86975	10 Pair	1.5	Blue	2.4	-	21.9	25.3	-	25.3	1172
85995	1 Triple	1.3	Black	2.4	0.9	9.0	11.6	1.3	14.2	260
85996	1 Triple	1.3	Blue	2.4	0.9	9.0	11.6	1.3	14.2	260
85997	1 Triple	1.5	Black	2.6	0.9	9.4	12.2	1.5	12.3	298
86201	1 Triple	1.5	Blue	2.6	0.9	9.4	12.2	1.5	12.3	298

The information in this datasheet is for guidance only and subject to change without liability. Images provided are representations; actual cable dimensions may vary due to manufacturing tolerances.

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